

TITLE**METHOD FOR FORMING IMAGES USING NEGATIVE WORKING IMAGEABLE  
ELEMENTS**ABSTRACT

5           A method for forming images useful as lithographic printing plate precursors  
is disclosed. An imageable element in which the imageable layer comprises an acid  
generator, a crosslinking agent, and a binder is imaged with ultraviolet radiation and  
developed with a solvent based developer. The acid generator is an iodonium,  
sulfonium, or diazonium salt in which the anion is an organic sulfate or thiosulfate  
10 anion. The binder comprises a copolymer that contains a reactive pendent group  
capable of undergoing acid crosslinking, in which the reactive pendent group is  
hydroxyl, carboxylic acid, sulfonamide, alkoxymethyl, or a mixture thereof. The  
method is especially suited for use with direct digital ultraviolet imaging devices.  
The resulting image is useful as a lithographic printing plate.